

# Electronic Filing System (EFS) Data

## Electronic Patent Application Submission

### USPTO Use Only

EFS ID: 11513  
Application ID: 09681720  
Title of Invention: Differential Dense Wavelength Division Multiplexing (DDWDM) in Optical Systems  
First Named Inventor: Mohsen Sarraf  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2001-05-25   
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: Sarraf 26  
Digital Certificate Holder: cn=Joseph J. Opalach, ou=Registered Attorneys, ou=Patent and Trademark Office, ou=Department of Commerce, o=U.S. Government, c=US  
Certificate Message Digest: vU6bjnfzquZfUT7Cwg0NpA==  
Total Fees Authorized: \$830.0

Payment Category: DA – Deposit Account  
Deposit Account Number: 122325  
Deposit Account Name: Joseph J. Opalach

JC474 U.S. PRO  
09/681720  
05/25/01



# TRANSMITTAL FORM

Electronic Version 1.0.2

Stylesheet Version: 1.0

Attorney Docket Number: Sarraf 26

## Differential Dense Wavelength Division Multiplexing (DDWDM) in Optical Systems

First Named Inventor: Mr. Mohsen Sarraf

### SUBMITTED BY

Name: Mr. Joseph J Opalach Esq.  
Registration Number: 36229  
Electronic Signature  
Mark: /jjopalach Date Signed: 20010525

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*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

|                  |                        |
|------------------|------------------------|
| specification    | sarraf26.xml           |
| declaration      | Sarraf 26 dec pg 1.tif |
| declaration      | Sarraf 26 dec pg 2.tif |
| bibd-transmittal | Sarraf 26apds.xml      |

|                   |                   |
|-------------------|-------------------|
| fee-transmittal   | Sarraf 26fee.xml  |
| patent-assignment | Sarraf 26asgn.xml |

**Attached Image File(s):**

Sarraf 26 dec pg 1.tif  
Sarraf 26 dec pg 2.tif

USPTO Patent Application  
Information Disclosure Statement  
Form PTO/SB/468 (Rev. 10-03)

### **Comments:**

M. Sarraf

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

**Declaration and Power of Attorney**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name:

I believe I am an original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **Differential Dense Wavelength Division Multiplexing (DDWDM) In Optical Systems** the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

None

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of the application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

None

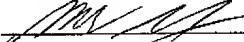
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that the statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or a patent issued thereon.

I hereby appoint the following attorney(s) with full power of substitution and revocation to prosecute said application, to make alterations and amendments therein, to receive a patent, and to transact all business in the Patent and Trademark Office connected therewith:

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Full name of sole inventor: Mohsen Sarraf

Inventor's signature  Date 5/9/01

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# FEE TRANSMITTAL

Electronic Version 1.0.4

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 830**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 12-2325



Deposit Account Name: Lucent Technologies Inc.

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

**SUBMITTED BY**

Authorized Name: Joseph J. Opalach

Electronic Signature Mark: /jjopalach

Date Signed: 20010525

**BASIC FILING FEE**

| Fee Description    | Fee Code | Fee Paid |
|--------------------|----------|----------|
| Utility Filing Fee | 101      | \$ 710   |

Subtotal For Basic Filing Fee: \$ 710

**EXTRA CLAIM FEES**

|                       | Fee Code | Fee   | Extra Claims | Fee Paid |
|-----------------------|----------|-------|--------------|----------|
| Total Claims: 14      | 103      | \$ 18 | 0            | \$ 0     |
| Independent Claims: 4 | 102      | \$ 80 | 1            | \$ 80    |

Subtotal For Extra Claims Fees: \$ 80

**ADDITIONAL FEES**

| Fee Description                                   | Fee Code | Fee Paid |
|---|----------|----------|
| Recording Each Patent Assignment Per Property Fee | 581      | \$ 40    |

Subtotal For Additional Fees: \$ 40